

ABSTRACT OF THE DISCLOSURE

This invention relates to a process for making polymer-dye particles comprising, in order:

- I) forming a colorant mixture comprising a water insoluble dye and an
5 organic medium containing at least one ethylenically-unsaturated monomer;
 - II) combining the colorant mixture with an aqueous mixture comprising a surfactant and a co-stabilizer to form a colorant mixture/aqueous mixture;
 - III) causing the colorant mixture/aqueous mixture to form a stable
aqueous droplet mixture via strong agitation; and
 - 10 IV) initiating polymerization to form composite polymer-dye particles comprising a colorant phase and a polymer phase;
- wherein an addition polymerization initiator is added prior to initiating polymerization.

- It further relates to composite polymer dye particles prepared by
15 the above process and to composite polymer dye particles comprising a colorant phase containing a water insoluble dye, and a polymer phase, said particles being associated with a co-stabilizer.